

IN THE CLAIMS:

Claims 1 – 16 (Cancelled)

17. (Currently Amended) A transaction managing apparatus used for a POS terminal, comprising:

a transaction defining unit which defines an unsettled transaction of prepayment of a total amount, namely, a deferred pickup transaction on ~~the a~~ principle of occurrence in which sales are summed up upon occurrence of the transaction; wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon occurrence of the transaction, a prepayment of the total amount is necessary, and a delivery of goods is set to a postdelivery with respect to said deferred pickup transaction on the principle of occurrence; and

a management control unit which, in ~~the a~~ case where said deferred pickup transaction on the principle of occurrence is selected as the unsettled transaction-type, sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip number, an input of a delivery date of goods, a registration of goods, a registration of an amount of payment, a confirmation of a payment of a total amount, an error display in case of nonpayment, an issue of a customer copy with said slip number, and a sum-up of sales amounts; and sequentially executes, as processes upon delivery, a display of incomplete transaction information by an input of the slip number, a registration of a delivery, and a termination of the incomplete transaction.

18. (Currently Amended) A transaction managing apparatus used for a POS terminal, comprising:

a transaction defining unit which defines an unsettled transaction of prepayment of a total amount, namely, a deferred pickup transaction on ~~the a~~ principle of completion in which sales are summed up upon completion of the transaction; wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon completion of the transaction, the prepayment of a total amount is necessary, and a delivery of goods is set to a postdelivery with respect to said deferred pickup transaction on the principle of completion; and

a management control unit which, in ~~the a~~ case where said deferred pickup transaction on the principle of completion is selected as the unsettled transaction-type, sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip number, an input of a delivery date of goods, a registration of goods, a registration of an amount of payment, a confirmation of a payment of a total amount, an error display in case of nonpayment, and an issue of a customer copy with said slip number; and sequentially executes, as processes upon delivery, a display of incomplete transaction information by an input of the slip number, a registration of a delivery, a sum-up of sales amounts, and a termination of the incomplete transaction.

19. (Currently Amended) A transaction managing apparatus used for a POS terminal, comprising:

a transaction defining unit which defines an unsettled transaction of deferred payment sales for a specific customer, namely, a deferred payment transaction on the a principle of occurrence in which sales are summed up upon occurrence of the transaction; and wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon occurrence of the transaction, a prepayment is unnecessary, and a delivery of goods is set to a predelivery with respect to said deferred payment transaction on the principle of occurrence; and

a management control unit which, in the a case where said deferred payment transaction on the principle of occurrence is selected as the unsettled transaction-type, sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip number, an input of a delivery date of goods, a registration of goods, a registration of an amount of payment including a zero payment, an issue of a customer copy with said slip number, a sum-up of sales amounts, and a registration of a delivery; and sequentially executes, as processes upon payment, a display of incomplete transaction information by the input of said slip number, a registration of an amount of payment, and in case of a zero balance, a termination of the incomplete transaction.

20. (Currently Amended) A transaction managing apparatus used for a POS terminal, comprising:

a transaction defining unit which defines an unsettled transaction of deferred payment sales for a specific customer, namely, a deferred payment transaction on the a principle of completion in which sales are summed up upon completion of the transaction; wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon completion of the transaction, a prepayment is unnecessary, and a delivery of goods is set to a predelivery with respect to said deferred payment transaction on the principle of completion; and

a management control unit which, in the a case where said deferred payment transaction on the principle of completion is selected as the unsettled transaction-type, sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip number, an input of a delivery date of goods, a registration of goods, a registration of an amount of payment including a zero payment, an issue of a customer copy with said slip number, and a registration of a delivery; and sequentially executes, as processes upon payment, a display of incomplete transaction information by the input of said slip number, a registration of an amount of payment, a sum-up of sales amounts in case of a zero balance, and a termination of the incomplete transaction.

Claim 21 (Cancelled)

22. (New) A transaction managing apparatus used for a POS terminal, comprising:

a transaction defining unit means for defining an unsettled transaction of a prepayment - deferred pickup transaction type in which sales are summed up upon occurrence of the transaction by setting a sales sum-up timing to a timing upon occurrence of the transaction, by setting a prepayment of the total amount to necessary, and by setting a delivery of goods to postdelivery; and

a management control unit means for issuing an incomplete transaction slip number after receiving a prepayment; for receiving a delivery date of goods, a registration of goods, a registration of an amount of payment, a confirmation of a payment of a total amount, an error display in case of nonpayment, an issue of a customer copy with said slip number, and a sum-up of sales amounts; and for displaying incomplete transaction information after receiving input of the slip number, a registration of a delivery, and a termination of the incomplete transaction.

23. (New) A transaction managing method used in a POS terminal, the method comprising:

defining an unsettled transaction of a prepayment - deferred pickup transaction type in which sales are summed up upon occurrence of the transaction by:

setting a sales sum-up timing to a timing upon occurrence of the transaction,

setting a prepayment of the total amount to necessary, and

setting a delivery of goods to postdelivery;

issuing an incomplete transaction slip number after receiving a prepayment; receiving a delivery date of goods, a registration of goods, a registration of an amount of payment, a confirmation of a payment of a total amount, an error display in case of nonpayment, an issue of a customer copy with said slip number, and a sum-up of sales amounts; and

displaying incomplete transaction information after receiving input of the slip number, a registration of a delivery, and a termination of the incomplete transaction.

24. (New) An article of manufacture comprising:

a computer readable medium; and

a data structure stored on the medium for managing a transaction on a POS terminal, wherein the data structure, when installed on a computer or the POS terminal, provides for:

defining an unsettled transaction of a prepayment - deferred pickup transaction type in which sales are summed up upon occurrence of the transaction by:

setting a sales sum-up timing to a timing upon occurrence of the transaction,

setting a prepayment of the total amount to necessary, and

setting a delivery of goods to postdelivery;

issuing an incomplete transaction slip number after receiving a prepayment;

receiving a delivery date of goods, a registration of goods, a registration of an amount of payment, a confirmation of a payment of a total amount, an error display in

case of nonpayment, an issue of a customer copy with said slip number, and a sum-up of sales amounts; and

displaying incomplete transaction information after receiving input of the slip number, a registration of a delivery, and a termination of the incomplete transaction.

25. (New) A transaction managing apparatus used for a POS terminal, comprising:

a transaction defining unit means for defining an unsettled transaction of a prepayment-deferred pickup transaction type in which sales are summed up upon completion of the transaction by setting a sales sum-up timing to a timing upon completion of the transaction, by setting a prepayment of a total amount to necessary, and by setting delivery of goods to postdelivery; and

a management control unit means for issuing an incomplete transaction slip number; for receiving a delivery date of goods, a registration of goods, a registration of an amount of payment, a confirmation of a payment of a total amount, an error display in case of nonpayment, and an issue of a customer copy with said slip number; and for displaying incomplete transaction information by receiving the slip number, a registration of a delivery, a sum-up of sales amounts, and a termination of the incomplete transaction.

26. (New) A transaction managing method used in a POS terminal, the method comprising:

defining an unsettled transaction of a prepayment - deferred pickup transaction type in which sales are summed up upon completion of the transaction by:

setting a sales sum-up timing to a timing upon completion of the transaction,

setting a prepayment of the total amount to necessary, and

setting a delivery of goods to postdelivery;

issuing an incomplete transaction slip number after receiving a prepayment;

receiving a delivery date of goods, a registration of goods, a registration of an amount of payment, a confirmation of a payment of a total amount, an error display in case of nonpayment, an issue of a customer copy with said slip number, and a sum-up of sales amounts; and

displaying incomplete transaction information after receiving input of the slip number, a registration of a delivery, and a termination of the incomplete transaction.

27. (New) An article of manufacture comprising:

a computer readable medium; and

a data structure stored on the medium for managing a transaction on a POS terminal, wherein the data structure, when installed on a computer or the POS terminal, provides for:

defining an unsettled transaction of a prepayment - deferred pickup transaction type in which sales are summed up upon completion of the transaction by:

setting a sales sum-up timing to a timing upon completion of the transaction,

setting a prepayment of the total amount to necessary, and

setting a delivery of goods to postdelivery;

issuing an incomplete transaction slip number after receiving a prepayment;

receiving a delivery date of goods, a registration of goods, a registration of an amount of payment, a confirmation of a payment of a total amount, an error display in case of nonpayment, an issue of a customer copy with said slip number, and a sum-up of sales amounts; and

displaying incomplete transaction information after receiving input of the slip number, a registration of a delivery, and a termination of the incomplete transaction.

28. (New) A transaction managing apparatus used for a POS terminal, comprising:

a transaction defining unit means for defining an unsettled transaction of deferred payment transaction type in which sales are summed up upon occurrence of the transaction by setting a sales sum-up timing to a timing upon occurrence of the transaction; by setting a prepayment to unnecessary, and by setting a delivery of goods to a predelivery; and

a management control unit means for issuing an incomplete transaction slip number; for receiving a delivery date of goods, a registration of goods, a registration of an amount of payment including a zero payment, an issue of a customer copy with said slip number, a sum-up of sales amounts, and a registration of a delivery; and for

displaying incomplete transaction information after receiving input of said slip number, a registration of an amount of payment, and in case of a zero balance, a termination of the incomplete transaction.

29. (New) A transaction managing method used in a POS terminal, the method comprising:

defining an unsettled transaction of a deferred payment transaction type in which sales are summed up upon occurrence of the transaction by:

setting a sales sum-up timing to a timing upon occurrence of the transaction,

setting a prepayment of the total amount to unnecessary, and

setting a delivery of goods to predelivery;

issuing an incomplete transaction slip number;

receiving a delivery date of goods, a registration of goods, a registration of an amount of payment, including zero payment, an issue of a customer copy with said slip number, a sum-up of sales amounts, and a registration of delivery; and

displaying incomplete transaction information after receiving input of the slip number, a registration of an amount of payment, and in case of a zero balance, a termination of the incomplete transaction.

30. (New) An article of manufacture comprising:
a computer readable medium; and
a data structure stored on the medium for managing a transaction on a POS terminal, wherein the data structure, when installed on a computer or the POS terminal, provides for:

defining an unsettled transaction of a deferred payment transaction type in which sales are summed up upon occurrence of the transaction by:

setting a sales sum-up timing to a timing upon occurrence of the transaction,

setting a prepayment of the total amount to unnecessary, and

setting a delivery of goods to predelivery;

issuing an incomplete transaction slip number;

receiving a delivery date of goods, a registration of goods, a registration of an amount of payment, including zero payment, an issue of a customer copy with said slip number, a sum-up of sales amounts, and a registration of delivery; and

displaying incomplete transaction information after receiving input of the slip number, a registration of an amount of payment, and in the case of a zero balance, a termination of the incomplete transaction.

31. (New) A transaction managing apparatus used for a POS terminal, comprising:

a transaction defining unit means for defining an unsettled transaction of deferred payment transaction type in which sales are summed up upon completion of the

transaction by setting a sales sum-up timing to a timing upon completion of the transaction, by setting a prepayment to unnecessary, and by setting a delivery of goods to a predelivery; and

 a management control unit means for issuing an incomplete transaction slip number; for receiving a delivery date of goods, a registration of goods, a registration of an amount of payment including a zero payment, an issue of a customer copy with said slip number, and a registration of a delivery; and for displaying incomplete transaction information after receiving input of said slip number, a registration of an amount of payment, a sum-up of sales amounts, and in case of a zero balance, a termination of the incomplete transaction.

32. (New) A transaction managing method used in a POS terminal, the method comprising:

 defining an unsettled transaction of a deferred payment transaction type in which sales are summed up upon completion of the transaction by:

 setting a sales sum-up timing to a timing upon completion of the transaction,

 setting a prepayment of the total amount to unnecessary, and

 setting a delivery of goods to predelivery;

 issuing an incomplete transaction slip number;

 receiving a delivery date of goods, a registration of goods, a registration of an amount of payment, including zero payment, an issue of a customer copy with said slip number, and a registration of a delivery; and

displaying incomplete transaction information after receiving input of the slip number, a registration of an amount of payment, a sum-up of sales amounts, and in case of a zero balance, a termination of the incomplete transaction.

33. (New) An article of manufacture comprising:

a computer readable medium; and

a data structure stored on the medium for managing a transaction on a POS terminal, wherein the data structure, when installed on a computer or the POS terminal, provides for:

defining an unsettled transaction of a deferred payment transaction type in which sales are summed up upon completion of the transaction by:

setting a sales sum-up timing to a timing upon completion of the transaction,

setting a prepayment of the total amount to unnecessary, and

setting a delivery of goods to predelivery;

issuing an incomplete transaction slip number;

receiving a delivery date of goods, a registration of goods, a registration of an amount of payment, including zero payment, an issue of a customer copy with said slip number, and a registration of a delivery; and

displaying incomplete transaction information after receiving input of the slip number, a registration of an amount of payment, a sum-up of sales amounts, and in case of a zero balance, a termination of the incomplete transaction.